Computational Mathematics Advanced Requirements

Math 24 Ordinary Differential Equations

Math 110 Number Theory

Analysis (Must take one of the following)

> Math 103A Complex Analysis

Math 105A Real Analysis

Math 194 Senior Seminar

Comprehensive

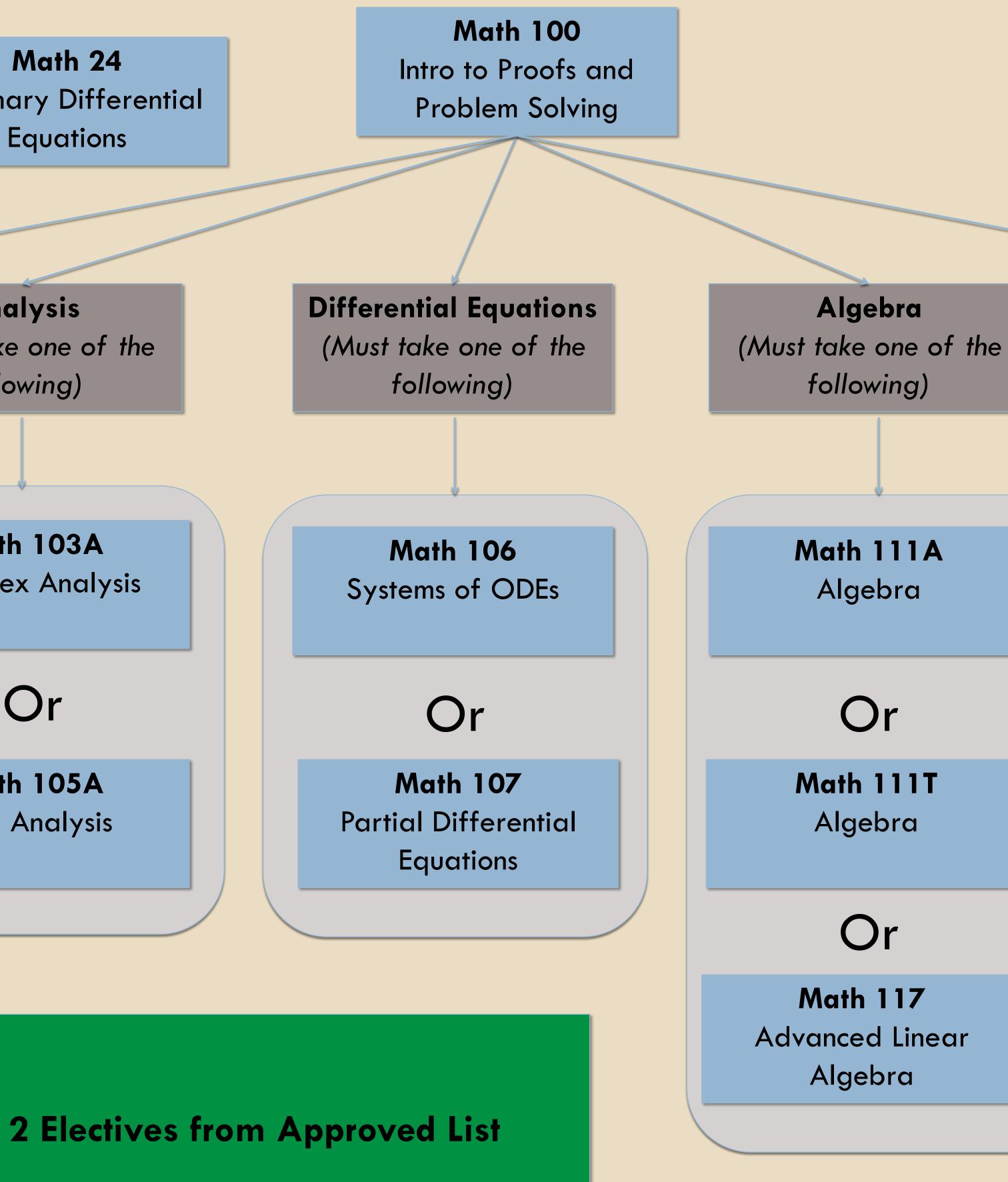
Requirement

(Must take one of the

following)

Or

Math 195 Senior Thesis



Computational (Must take one of the following)

> Math 145/L Chaos Theory

()r

Math 148/L Numerical Analysis

Or

AM 114 Dynamical Systems

Or

AM 147 **Computational Methods**



MATH:	AM:	BME:	CSE:	EART:	ECE:	ECON:	PHYS:	STAT:
115	Any course above 100	110	101	172	103	113	107	Any course above 100
116			102		130		115	
120			103		135			
134			104		141			
145			106		151			
148			107		153			
152			110A					
160			111		Courses from departments other than Math, AM and STAT are			
			112	intended for double major				
			132	students and have significant prerequisites.				
			142					

Approved List of Elective Courses